**What makes a successful school for students?**

1. Below is a list of things that are commonly used to describe “successful” schools. Rate each using a scale of 1-8; 1 being the thing that is most important and 8 being the least important.

\_\_\_\_Job salary

\_\_\_\_College retention

\_\_\_\_High school graduation rates

\_\_\_\_Citizenship

\_\_\_\_Field work (outside of class opportunities to collect data)

\_\_\_\_Internship opportunities (paid and unpaid)

\_\_\_\_Test scores

\_\_\_\_ other

1. Based on your top three ratings, in five or more sentences, explain how these things produce successful students.
2. Now that you have an idea of what a successful student looks like, make a concise claim stating what makes a successful school.

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**Individual research on demographic factor**

1. What is your educational concern?
2. Choose one demographic factor and circle two levels to guide your research on your educational concern.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **Income** | **Location** | **Student Population** | **Teacher to Student Ratio** | **Racial Demographic** | **Language Needs** |
| **Levels to choose from** | Low | Suburban | 500 and below | 1 to 20 | White- 25 %  Other-75 %  Other- | English as first language- 50% and below |
| Middle | Rural | 1000-2000 | 1 to 25 | White- 50 %  Other- 50%  Other- | English as first language- 75% |
| High | Urban | 2000 + | 1 to 35 | White- 75 %  Other -25 %  Other- | English as first language- 95% |

1. Write a guiding question that connects your two demographic factor levels to your educational concern. (For example: My educational concern is extracurricular opportunities and I chose low income and high income as my demographic factors. My guiding question would be, “How do extra-curricular opportunities at a low income school compare to that at a high income school?)

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1. Make a list of five “search terms” that you will use to guide your research.
2. Based on your 10 minutes of research, revise your list of five “search terms” that will help produce better research.

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1. Rewrite your guiding question.
2. Use the following “research template” to record your research that relates to your guiding question.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Source #1**  Today’s date: Author: Date written/produced:  Website title:  Article title:  Internet address: | | | | |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Source #2**  Today’s date: Author: Date written/produced:  Website title:  Article title:  Internet address: | | | | |
| Key idea(s) quotes |  |  |  |  |
| Key idea(s) paraphrasing |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Source #3**  Today’s date: Author: Date written/produced:  Website title:  Article title:  Internet address: | | | | |
| Key idea(s) quotes |  |  |  |  |
| Key idea(s) paraphrasing |  |  |  |  |

**Individual Research –Math component**

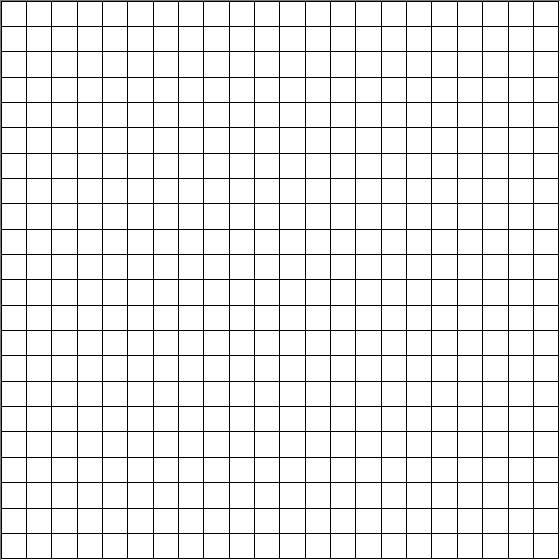
1. Based on your research find two variables that you will use to find data.
2. Find data points that you can use to create a scatter plot.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| x-\_\_\_\_\_\_\_ |  |  |  |  |  |  |  |  |  |
| y-\_\_\_\_\_\_\_ |  |  |  |  |  |  |  |  |  |

1. Calculate (using a calculator) and state the correlation coefficient that is represented by your relationship. r=\_\_\_\_\_\_\_\_\_\_
2. Now describe what your coefficient means in terms of the correlation of your relationship.

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1. On the graph provided, plot your points from the relationship and estimate a line of best fit.



1. Identify 2 points and use them to create the equation of the line of best fit.

**Supporting Graph**

1. Using meta-calculator (graphing calculator online), create a graph that has the data points plotted and the line of best fit graphed. Make sure the graph has a title, the axes are labeled, and the equation of the line is labeled as well. (this graph will be inserted into your Final Group Paper)

**Data Interpretation**

1. Describe how the variables are related.
2. Interpret what the slope means in the context of your data.
3. Interpret the y-intercept in the context of your data.

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1. Combine each response from #2-4 into one final typed paragraph. (this paragraph will be inserted into your Final Group Paper)**Individual analysis**
2. Use your research to create a claim. Your claim should address how your demographic factors address/relate to your educational concern. (For example: Low income schools are not able to provide as many extracurricular activities as high income schools.)
3. Highlight three pieces of evidence from your research template that can support your claim. (each source must have all of the correct information in order to be valid)

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1. *Rough draft (this section must be typed):* Write an analysis that identifies your claim and includes at least 3 pieces of evidence that support that claim. You must use in-text citations for each supportive detail and you must include an APA reference page.
2. Print out two rough drafts & reference pages and staple a “peer edit” sheet to the top.
3. You must go through two rounds of peer editing with students from different groups.
4. Describe at least three changes you will make to your final analysis.

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1. Make any and all corrections to your analysis.

**Group synthesis**

1. Individually: respond to the question, “How does a successful school address the needs of their community?” based on your individual research.
2. Write one sentence that encompasses the main idea behind the answer to #1.
3. As a group, share your individual thoughts. Each group member MUST fill in the boxes below!

|  |  |
| --- | --- |
| Demographic factor | Answer to #2 |
|  |  |
|  |  |
|  |  |
|  |  |

1. Complete the t-chart to share with classmates.

|  |  |
| --- | --- |
| Educational concern: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| At TAFA | At (other high school) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |

1. Collectively create a statement that explains how a successful school addresses the communities needs based on your educational concern.
2. Make a poster: That has your statement
3. Poster share: 1-2 people need to stay with the poster and be ready to answer questions/describe your group’s thoughts. The other two people will take notes about each of the other group’s educational concerns.

|  |  |
| --- | --- |
| Educational concern | Notes |
| * academic support |  |
| * Extracurricular opportunities |  |
| * Program offerings/availability |  |
| * Job preparation opportunities |  |
| * Community building |  |
| * Professional development for staff |  |

**NPR**

After all of your research, think of what an ideal school would look like. Create an NPR report that advertises and persuades listeners that you have created a successful school.

\_\_\_\_Make a script

\_\_\_\_It must be no more than two minutes

\_\_\_\_The audio must be clear and effectively assists in communicating the content.

\_\_\_\_The group must include their school name and slogan

\_\_\_\_The group must include three key ideas from their research

\_\_\_\_The group must creatively advertise and persuades their audience that their school is successful

Peer editing

* You will do two peer edits with two different people, not from your group. Use the flow chart and rubric provided to receive detailed feedback and make corrections where necessary.

**Visual**

Your group is responsible for creating a button (using the materials provided). Your button needs:

* to have your school’s mascot
* show your school colors
* have enough for each person in your group to wear
* have thoughtful reasoning behind the mascot and the school colors.